

Work Order ID 132678

Thursday, May 07, 2015 3:10:58 PM

132678

Page 1

Item ID: D4060-1

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Ski Clamp, Top

Start Date: 5/4/2015 Start Qty: 20.00

Required Date: 5/7/2015 Req'd Qty: 20.00

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: ✓ Date: _____ Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D4060	A

100 0.00

100

Purchasing

Purchasing

Memo

Issue P/O: 28423

Manufacture as per Dwg D4060

Supplier: G.F.I

Certificate of conformity is required

0.00

CZ MAR 11 2015 40

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Packaging

Memo

0.00

40x SPS-de-10



DQ: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%;"><tr><td>Skid-tube ☐</td><td>Cross tube ☐</td><td>Water Jet ☐</td><td>Engineering ☐</td></tr><tr><td>Machining ☐</td><td>Small Fab ☐</td><td>Prod. Eng. Coord. ☐</td><td>Quality ☐</td></tr><tr><td>Thermoforming ☐</td><td>Finishing ☐</td><td>Rec/Store/Packaging ☐</td><td>Other ☐</td></tr><tr><td>Large Fab ☐</td><td>Composite ☐</td><td>Supplier ☐</td><td></td></tr></table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date : _____		Step #: _____		QTY Effective : _____				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																	
Description Work Order Deviation				Disposition																					
Root Cause		FAULT CATEGORY																							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐																				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐																				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐																				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐																				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐																				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐																				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐																				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐																				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐																				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐																				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____																							
Misidentified ☐	Past Due ☐																								

Work Order ID 132678

Thursday, May 07, 2015 3:10:58 PM

132678

Page 2

Item ID: D4060-1 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Ski Clamp, Top
Start Date: 5/4/2015 Start Qty: 20.00 ***20*** Cust Item ID:
Required Date: 5/7/2015 Req'd Qty: 20.00 ***20*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC6- Inspect dimensions to drawing	0.00							
120									
QC	Memo	0.00							
Quality Control									
130	Identify as per dwg & Stock Location: _____	0.00							
130									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

Scrap old rev. - MF 15-6-10.

Ø

MF 15-6-10

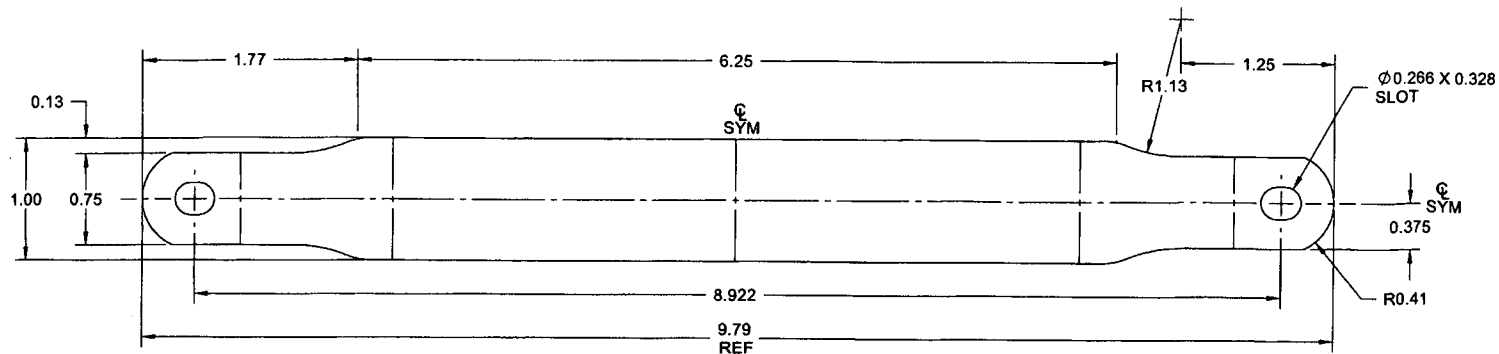
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____

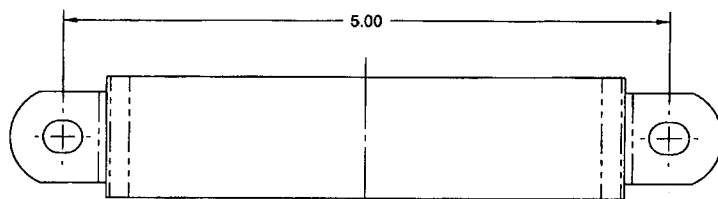
Date: _____

Work Order update only ☐

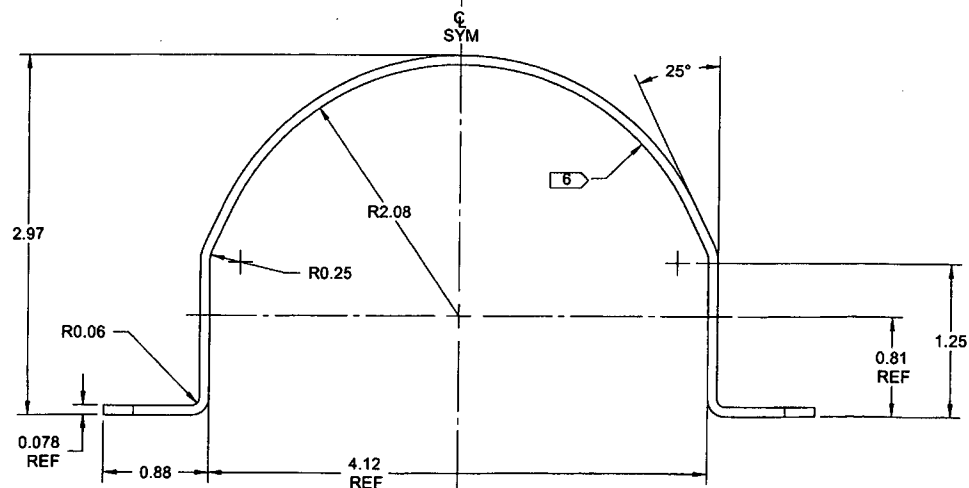
Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Skid-tube ☐</td> <td style="width: 15%;">Cross tube ☐</td> <td style="width: 15%;">Water Jet ☐</td> <td style="width: 15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																							
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OTHER : _____																																																															



D4060-1F 412 SKI CLAMP, TOP FLAT PATTERN



w/o 132678



D4060-1 412 SKI CLAMP, TOP
MAKE FROM D4060-1F

RELEASED
2010-04-07
MP

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4060	SHEET 2 OF 4
APPROVED		TITLE	SCALE
DE APPR.		412 SKI CLAMP	NTS
DATE	10.03.31	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO28423

Purchase Order Date 5/11/2015

PO Print Date 5/11/2015

Page Number 1 of 2

Order From :

VC-GFI001

GFI
180 AVENUE LABROSSE
POINTE CLAIRE, QC H9R 1A1
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 514 630 4877

Ship To Contact

Ship To Phone

Ship Via: FedEx Overnight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
Line Comments			Promise Date				
Delivery Comments							
	D4060-1P	Ski Clamp, Top	5/29/2015		40.00	\$17.00	\$680.00
			Yes		Each		
			5/29/2015				
	AS PER DWG D4060 REV. A						
	B132678						
						Line Total:	\$680.00
2	71401-45	PROCUREMENT QUALITY CLAUSES	5/29/2015		1.00	\$0.00	\$0.00
			No				
			5/29/2015				
	PROCUREMENT QUALITY CLAUSES						
	A005 RIGHT OF ENTRY						
	A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)						
	A012 CHEMICAL AND PHYSICAL TEST REPORTS						
	A016 PERSONNEL QUALIFICATION						
	A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)						
	A026 CERTIFICATION OF MATERIAL CONFORMANCE						
	A041 QUALITY MANAGEMENT SYSTEM						
	A042 DART NOTIFICATION BY SUPPLIER						
	A043 RETENTION OF QUALITY DOCUMENT						

Note:

5/11/2015



180 AVENUE LABROSSE
POINTE-CLAIRE, QC, CANADA H9R 1A1
TÉL.:(514) 630-4877 - FAX:(514) 630-4849

GFI est une division de Thomas & Betts Limitée / GFI is a division of Thomas & Betts Limited



BON DE LIVRAISON / SHIPPING MEMO

DATE DE LIVRAISON / SHIPPING DATE			N° DE BON DE LIVRAISON SHIPPING MEMO NO.	PAGE
JR - DY	MO - MO	AN - YR		
08	06	15	0561315	1/1



VENDU À / SOLD TO

EXPÉDIÉ À / SHIP TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

CODE DE CLIENT CUSTOMER CODE		N° DE CONTRAT JOB NO	VOTRE N° DE COMMANDE YOUR PURCHASE ORDER NO	EXPÉDIÉ PAR SHIP VIA			
DART		GFI-0299	0304160	PO28423			
QUANTITÉ QUANTITY	N° DE PIÈCE PART NO			DESCRIPTION			
34	D4060-1P			SKI CLAMP TOP ITEM 1 C OF C REQ'D <i>Sps-de-09</i>			
MFG. JOB# <u>0304160-001</u> QTY <u>34 pcs</u>							
DUE DATE: <u>29 May 2015</u>							

EXPÉDITEUR
SHIPPER

REÇU PAR / RECEIVED BY

DATE

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION.
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.



180 AVENUE LABROSSE
POINTE-CLAIRE, QC, CANADA H9R 1A1
TÉL.:(514) 630-4877 - FAX:(514) 630-4849

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BON DE LIVRAISON / SHIPPING MEMO

DATE DE LIVRAISON / SHIPPING DATE			N° DE BON DE LIVRAISON / SHIPPING MEMO NO	PAGE
JR - DY	MO - MO	AN - YR		
08	06	15	0561316	1/1



VENDU À / SOLD TO

EXPÉDIÉ À / SHIP TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

CODE DE CLIENT CUSTOMER CODE	N° DE CONTRAT JOB NO	VOTRE N° DE COMMANDE YOUR PURCHASE ORDER NO	EXPÉDIÉ PAR SHIP VIA
DART GFI-0299	0304160	PO28423	
QUANTITÉ QUANTITY	N° DE PIÈCE PART NO	DESCRIPTION	
6	D4060-1P	SKI CLAMP TOP ITEM 1 C OF C REQ'D	

MFG. JOB# 10288892-001 qty 6 pcs

DUE DATE: 29 May 2015

Handwritten: 8P15-06-10

Stamp: GA 8 AS9100C ISO 9001:2008

EXPÉDITEUR
SHIPPER

REÇU PAR / RECEIVED BY

DATE

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION.
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.

CERTIFICATE OF COMPLIANCE
CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas & Betts**

180 LABROSSE AVENUE
POINTE CLAIRE, QC
H9R 1A1

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO.	<u>13</u>	OUR JOB NO	<u>0304160</u>	SHIPPING MEMO	<u>0561316</u>	
ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
<u>-</u>	<u>6 PCS</u>	<u>PO28423</u>	<u>D4060-1P</u>	<u>A</u>	<u>SKI CLAMP TOP</u>	<u>A</u>
MATERIAL		SUPPLIED BY		MAT. REL. NO.		
<u>.078 THK 304 ANN AMS 5513</u>		<u>TW METALS/ ALLEGHENY LUDLUM</u>		<u>951264</u>		
	PROCESS	PROCESSOR	RELEASE NOTE #			
1	<u>FIRST ARTICLE INSPECTION REPORT ON FILE</u>	<u>GFI</u>	<u>N/A</u>			
2	<u>REF. GFI MANUFACTURING JOB NUMBER J0288892-001 (6 PCS).</u>	<u>GFI</u>	<u>N/A</u>			
3	<u></u>	<u></u>	<u></u>			
4	<u></u>	<u></u>	<u></u>			
5	<u></u>	<u></u>	<u></u>			
6	<u></u>	<u></u>	<u></u>			
7	<u></u>	<u></u>	<u></u>			
8	<u></u>	<u></u>	<u></u>			
9	<u></u>	<u></u>	<u></u>			

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 08 JUNE 2015

G.F.I. Q.C. REP. [Signature]





G'Neal High-Performance Metals Group

175 TUBEWAY
FOREST PARK GA 30297
Tel: 404-361-5050
FAX: 4043617052

CERTIFICATE OF COMPLIANCE

Your Order Number: 0083098

Our delivery receipt Number: 70521834

Date: 10/22/13

This is to certify that the material shipped against the above order on the above delivery receipt, consisting of:

Quantity: 133.632 LB

Line Number: 1

Grade: 304 S/S SHEET AMS 5513 .080

Part #: TS080481204A

Heat Number: 951264

Specification:

Complies in all respects with the item description.

BY:

Jarvis Clark

Authorized Test Department Clerk

AL 6100-1 1211

DATE SHIPPED

10/15/12

678

EXHIBIT 1

OH 45015

"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA B/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12) (S-1000 DATED 8/1/2011) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIREMENTS)

THEO TAG #/ CD SKID #

50 18310

893786

18360 50 18310

-C-	-MN-	-P-	-S-	-SI-	-CR-	-NI-	-MO-	-CU-	-N-
018	1.77	023	021						

[illegible]

YIELD	TENSILE % ELONG
PSI *	PSI IN "2"

HARDNESS		CORROSION		GRAIN		HARDENABILITY	
83.HRBW	BEND A	262	PR E	SIZE			
	T PASS	PASS		8.			

T 45200.	95000.	70.
TC	TC	TC

* Y.S. BY 0.2% OFFSET METHOD

CORROSION	MELT	T-YIELD
ISO 3651-2	SOURCE	1%
PASS	1.	51500.

TC

TC TC

REVIEWED BY Q.C.
Date 10-18-12 by PF

PAGE 01 - CONTINUED ON PAGE 02

CONSIGNEE— Please Note—This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection (please examine shipment as it arrives. If any shortage or damage is discovered, items a full description made by transportation agent may be helpful before signing.

Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy phone 724-226-5980. **CAUTION:** Processing that makes fumes, dust, or solutions may cause lung disease. See Material Safety Data Sheets for further information.

WARNING

Les fiches d'information—sécurité de nos produits ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires veuillez téléphoner au numéro suivant 724-226-5580. Attention, les renseignements relatifs à la production ou à l'usage, l'entretien, ou les substitutions peuvent, à la suite de maladies pulmonaires. Pour plus de renseignements se référer aux fiches d'information—sécurité.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgement.

Stephen Watt. 
Director, Corporate Quality Assurance

UNITED PERFORMANCE METALS
This is to certify that in accordance with the record
you: files the material, shipped on your purchase or
conforms to the following.

Size: 48 X 120
P.O.: 1A9286289
Part#: 50855
Sales #: 0196678
Quantity: 3

Description: 304L ANN.077-C93 AMS5513
Customer: TW Metals
Shipped: 11/13/2012
Heat: 951284

Authorized Signature Lynne Harper
Lynne Harper

UNITED PERFORMANCE METALS

This is to certify that in accordance with the records in our files the material shipped on your purchase order conforms to the following:

Spec: 48 X 120
P.O. #4828283
Part#: 50285
Sales # 01108578
Quantity: 3

Description: 304L 2411 077-083 AMS5513
Customer: TYP Metals
Shipped: 11/13/2012
Heat: 951284

Authorized Signature
Lynne Harper

NOTICE OF SHIPMENT/ PACKING LIST



CERTIFICATE OF TEST

AL 0108-4 1211

DATE, TIME, NO & DATE	CUST. CODE	ACCEPTING MILL	SHIPPER NO.	PRODUCT CODE	MILL ORDER NUMBER	DATE SHIPPED
01021271	08/28/12 110977	VANDERGRIFT, PA.	556215	13020102060000	30-082-678	10/15/12
FORMS DISTRIBUTION	DO	DO	DO	DO	DO	DO
SOLD TO	1	82037-9	126	1124	VANDERGRIFT	PA
SHIP TO	PRIME SEC.	DSO DSO	516	SHIP TO	UNITED PERFORMANCE METALS	OH 45015
3475 SYMMES ROAD	HAMILTON	OH 45015				

GRADE AND SPECIFICATIONS

"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12) (S-1000 DATED 8/1/2011) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIREMENTS)

CARRIER - GROSS, RONALD, INC.

METALLOGRAPHIC MAGNIFICATION: 100X ETCHANT USED: OXALIC ACID

GRADE VERIFICATION WAS CARRIED OUT SPECTROSCOPICALLY

FLAT NON-WELDED TEST PIECE WAS USED FOR ISO 3651-2 INTERGRANULAR CORROSION TEST. T1 SENSITIZATION HEAT TREATMENT WAS PERFORMED ON LOW CARBON AND STABILIZED GRADES.

DIN EN 10204:2005 - 3.1 ATI ALLEGHENY LUDLUM IS APPROVED AS A MANUFACTURER ACCORDING TO THE PRESSURE EQUIPMENT DIRECTIVE PED 97/23/EC.

MATERIAL WAS SOLUTION ANNEALED AT 1900F (1038C) MINIMUM FOR A TIME COMMENSURATE WITH THICKNESS AND RAPIDLY COOLED WITH AIR AND WATER.

ATI ALLEGHENY LUDLUM DOES NOT USE MERCURY IN THE TESTING OR PRODUCTION OF ITS PRODUCTS.

NO WELDS/WELD REPAIRS PERFORMED.

WESTMORELAND MECHANICAL TESTING & RESEARCH, YOUNGSTOWN, PA (T7869) IS A GEAE S400 AND ISO/IEC 17025 APPROVED FACILITY.

PAGE 02 - CONTINUED ON PAGE 03

CONSIGNEE- Please Note- This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceases. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, time is not disallowed made by transportation agent on waybill before signing.

Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy please 724-226-5980. CAUTION: Processing that makes metal dust, or solutions may cause lung disease. See Material Safety Data Sheets for further information.

WARNING

Les fiches d'information-sécurité de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires veuillez téléphoner au numéro suivant 724-226-5980. Attention: Les traitements entraînant la production de métaux, poussières, ou solutions peuvent, dans certains cas, provoquer des maladies. Pour plus de renseignements se référer aux fiches d'information-sécurité.

The above is a true copy of data on file. This material and test results conform to the sales contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgement.

Steven Wolf - Director, Corporate Quality Assurance

Authorized Signature
Lynne Harper
 Lynne Harper

UNITED PERFORMANCE METALS
 This is to certify that in accordance with the records in our files the material shipped on your purchase order conforms to the following:

Size: 48 X 120
 P.O.: M49288288
 Part: 50265
 Sales p. 01196578
 Quantity: 3

Description: 304L ANN 077-083 AUS5513
 Customer: TW Metals
 Shipped: 11/13/2012
 Heat: 951264

NOTICE OF SHIPMENT/ PACKING LIST



CERTIFICATE OF TEST

AL 6168-4 1211

CUST. ORG. NO. & DATE 01021271			CUST. CODE 08/28/12			ACCEPTING MIL. 110977			SHIPPER NO. VANDERGRIFF, PA.			PRODNCT CODE 556215			MIL. ORDER NUMBER 13020102060000			DATE SHIPPED 10/15/12					
FORMS DISTRIBUTION SOLD TO 1			SHIP TO 10+			SPEC 1			REPEAT ORDER 82037-9			DO DATE 26			PRIORITY 1124			SHIPPING LOCATION VANDERGRIFF			INVOICE PA 659323		
SOLD TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015									SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015														

GRADE AND SPECIFICATIONS
 "ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12) (S-1000 DATED 8/1/2011) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIREMENTS)

CARRIER - GROSS, RONALD, INC.

THIS DIN EN 10204:2005 - 3.1 CERTIFICATE OF TEST SHALL NOT BE REPRODUCED EXCEPT IN FULL. FEDERAL LAW PROHIBITS THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE AND MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW. ATI AL HOLDS SEVERAL QUALITY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, NADCAP, AND ISO/IEC 17025. MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH THE ATI AL QUALITY MANUAL REVISION 20 DATED 02/24/2012.

ATI ALLEGHENY LUDLUM WORKS TO THE ROLLS ROYCE SABRE QUALITY MANAGEMENT SYSTEM.

QUALITY SYSTEM CERTIFIED ACCORDING TO PRESSURE EQUIPMENT DIRECTIVE 97/23/EC, ANNEX I, 4.3 BY TUV SUD, INDUSTRIE SERVICE GMBH, (NOTIFIED BODY 0036).

ATI ALLEGHENY LUDLUM PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES:
 C, S BY COMBUSTION/INFRARED
 N, O, H BY INERT FUSION/THERMAL CONDUCTIVITY
 MN, P, SI, CR, NI, MO, CU, CB, CO, V BY WDXRF
 B BY OES
 AL AND TI (>=0.10%) BY WDXRF, OTHERWISE BY OES
 PB, BI, AG BY GFAA

MATERIAL TESTED AT ATI ALLEGHENY LUDLUM GEAE S400 APPROVED FACILITIES (T1225 & T9317) NATRONA HEIGHTS, PA TECHNICAL CENTER; BRACKENRIDGE, PA AND NEW BEDFORD, MA.

TEST REPORTS
 ACCEPTED BY

 DEC 28 2012
W. Marange
 TW METALS

PAGE 03 - CONTINUED ON PAGE 04

CONSIGNEE: Please Note-The consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent (carrier/bill) before signing.	Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy phone 724-226-5980. CAUTION: Processing that makes fumes, dust, or solutions may cause lung disease. See Material Safety Data Sheets for further information.	WARNING Les fiches d'information-sécurité de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires, veuillez téléphoner au numéro suivant 724-226-5980. Attention: les traitements entraînent la production de vapeurs, poussières, ou solutions pouvant être cause de maladies pulmonaires. Pour plus de renseignements, se référer aux fiches d'information-sécurité.	10/15/12 15:22:26 The above is a true copy of data on file. The material and test results conform to the sales contract and specifications as set forth in Allegheny Ludlum's Order Acknowledgment. <i>Stephen Wolf</i> Director, Corporate Quality Assurance
--	--	--	---

Authorized Signature
Lynne Harper

UNITED PERFORMANCE METALS
This is to certify that in accordance with the terms of our purchase order, the material shipped on your purchase order conforms to the following:

500' 48" X 120
P.O. #49280288
Part: 5025
Sales # 01199378
Quantity: 3

Description: 304L, 48" X 120, 0.03, 4155513
Customer: TW Metals
Shipped: 11/13/2012
Heat: 951254

NOTICE OF SHIPMENT/ PACKING LIST



CERTIFICATE OF TEST

AL 6160-4 1211

CLIST, CHU NO. & DATE 01021271	CLIST, CODE 08/28/12 110977	ACCEPTING MILL VANDERGRIFT, PA.	SHIPMENT NO. 556215	PRODUCT CODE 13020102060000	MILL ORDER NUMBER 30-082-678	DATE SHIPPED 10/15/12
FORMS DISTRIBUTION SOLD TO 1 SHIP TO SPEC TO	REPEAT ORDER 82037-9	GOV'T CONTRACT 26	GOV'T CONTRACT 26	MATL. 1124	SHIPPING LOCATION VANDERGRIFT PA	INVOICE 659323
SOLD TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015		PRIME SEC. DSO DSO 516		SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015		

GRADE AND SPECIFICATIONS
"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12) (S-1000 DATED 8/1/2011) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIREMENTS)

CARRIER - GROSS, RONALD, INC.

ATI ALLEGHENY LUDLUM HOLDS SEVERAL QUALITY AND LABORATORY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, AD 2000-MERKBLATT WO, EU PRESSURE EQUIPMENT DIRECTIVE 97/23/EC, NADCAP, ISO/EIC 17025, GEAE S400, GEAE S-1000. REFER TO WWW.ALLEGHENYLUDLUM.COM TO ACCESS THE CURRENT ATI AL QUALITY CERTIFICATIONS.

THE NUMERIC CODES SHOWN UNDER MELT SOURCE CAN BE INTERPRETED AS FOLLOWS:
1. - MATERIAL MELTED, ROLLED AND TESTED IN THE UNITED STATES.
2. - FOREIGN MELT; ROLLED AND TESTED IN THE UNITED STATES.

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS:
MI = ATI-ALLEGHENY LUDLUM; 950 TENTH STREET; MIDLAND, PA 15059
TC = ATI-ALLEGHENY LUDLUM; 1300 PACIFIC AVENUE; NATRONA HEIGHTS, PA 15065

TEST REPORTS
ACCEPTED BY

DEC 28 2012

TW METALS

PAGE 04 - FINAL PAGE.

ISSUED BY ATI ALLEGHENY LUDLUM - 10/17/2012 08:20
CARRIE MCFALL - QUALITY ASSURANCE DEPT.

CONSIGNEE: Please Note - This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceases. For your information please examine shipment as it arrives. If any shortage or damage is discovered, have it fully described in writing by transportation agent on receipt before signing.

Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy please call 724-226-5980. CAUTION: Processing this material must be done in accordance with the instructions on the Material Safety Data Sheet for further information.

WARNING

Les fiches d'information-sécurité de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires, veuillez téléphoner au numéro suivant 724-226-5980. Attention: les matériaux entraînent la production de vapeurs, poussières, ou solutions pouvant être cause de maladies pulmonaires. Pour plus de renseignements se référer aux fiches d'information-sécurité.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgement.

Stephen Wurt - Director, Corporate Quality Assurance

CERTIFICATE OF COMPLIANCE
CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas & Betts**

180 LABROSSE AVENUE
POINTE CLAIRE, QC
H9R 1A1

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO.	<u>14</u>	OUR JOB NO	<u>0304160</u>	SHIPPING MEMO	<u>0561315</u>	
ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
<u>-</u>	<u>34 PCS</u>	<u>PO28423</u>	<u>D4060-1P</u>	<u>A</u>	<u>SKI CLAMP TOP</u>	<u>A</u>
MATERIAL		SUPPLIED BY		MAT. REL. NO.		
<u>.078 THK 304 ANN AMS 5513</u>		<u>TW METALS/ ALLEGHENY LUDLUM</u>		<u>951264</u>		
	PROCESS	PROCESSOR		RELEASE NOTE #		
1	<u>FIRST ARTICLE INSPECTION REPORT ON FILE</u>	<u>GFI</u>		<u>N/A</u>		
2	<u>REF. GFI MANUFACTURING JOB NUMBER 0304160-001 (34 PCS).</u>	<u>GFI</u>		<u>N/A</u>		
3	<u></u>	<u></u>		<u></u>		
4	<u></u>	<u></u>		<u></u>		
5	<u></u>	<u></u>		<u></u>		
6	<u></u>	<u></u>		<u></u>		
7	<u></u>	<u></u>		<u></u>		
8	<u></u>	<u></u>		<u></u>		
9	<u></u>	<u></u>		<u></u>		

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 08 JUNE 2015

G.F.I. Q.C. REP. *Eden H.*





O'Neal High-Performance Metals Group

175 TUBEWAY

FOREST PARK

GA 30297

Tel: 404-361-5050

FAX: 4043617052

CERTIFICATE OF COMPLIANCE

Your Order Number: 0083098

Our delivery receipt Number: 70521834

Date: 10/22/13

This is to certify that the material shipped against the above order on the above delivery receipt, consisting of:

Quantity: 133.632 LB

Line Number: 1

Grade: 304 S/S SHEET AMS 5513 .080

Part #: TS080481204A

Heat Number: 951264

Specification:

Complies in all respects with the item description.

BY:

Janine Clark

Authorized Test Department Clerk

UNITED PERFORMANCE METALS

Size: 48 X 120
P.O.: 049286289
Part: 5085
Sales #: 01198678
Quantity: 3

Description: 304L ANN. 071.083 AUS5513
Customer: TW Metals
Shipped: 11/13/2012
Heat: 951264

Authorized Signature

Lynne Harper

NOTICE OF SHIPMENT/ PACKING LIST



CERTIFICATE OF TEST

AL 6160-4 1211

CUST. ORD. NO. & DATE 01021271	CUST. CODE 08/28/12 110977	ACCEPTING M.I.L. VANDERGRIFF, PA.	SHIPPER NO. 556215	PRODUCT CODE 13020102060000	M.I.L. ORDER NUMBER 30-082-678	DATE SHIPPED 10/15/12
FORMS DISTRIBUTION SOLD TO 1 SHIP TO SPEC	REPEAT ORDER 82037-9	DO RATE 26	GOVT CONTRACT	MATL. 1124 VANDERGRIFF	SHIPPING LOCATION PA	INVOICE 659323
SOLD TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015			SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015			

GRADE AND SPECIFICATIONS

"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12) (S-1000 DATED 8/1/2011) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIREMENTS)

ITEM PCS DIMENSIONS W/G/L	HEAT #	COIL #	TEST #	GROSS	TARE	NET	THEO	TAG #/	CD	SKID #
001 1 48./080/1327. C CUST IDENTITY 00718 1 SKID	951264	09272N145	8798038	18360	50	18310		893786		
				18360	50	18310				

TYPE HEAT/TEST	--C--	--MN--	--P--	--S--	--SI--	--CR--	--NI--	--MO--	--CU--	--N--
HEAT 951264	.019	1.77	.031	.001	.45	18.24	8.06	.33	.50	.07
TEST LOCATION MI	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI
CHECK 8798039	.016	1.76	.031	.0004	.44	18.25	8.01	.33	.51	.07
TEST LOCATION TC	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC

ITEM TEST NO	YIELD PSI *	TENSILE PSI	% ELONG IN 2"	% R/A	HARDNESS	BEND	A 262 PR E	GRAIN SIZE	HARDENABILITY
001 8798038	T 45200.	95000.	70.		83.HRBW	T PASS	PASS	8.	
TEST LOCATION TC	TC	TC	TC		84.HRBW	TC	TC	TC	
	* Y.S. BY 0.2% OFFSET METHOD								
ITEM TEST NO	CORROSION MELT	T-YIELD	P&W E-25						
001 8798038	ISO 3651-2 SOURCE	1%	TRAN BEND						
	PASS 1.	51500.	2.						
TEST LOCATION TC	TC	TC	TC						

REVIEWED BY Q.C.
Date 10-18-12 by PE

PAGE 01 - CONTINUED ON PAGE 02

CONSIGNEE: Please Note-This consignment was turned over to carrier in first class condition, being carefully loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

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WARNING

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This above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgment.

Stephen Wylie
Director, Corporate Quality Assurance

10/15/12 15:22:26

UNITED PERFORMANCE METALS
This is to certify that in accordance with the records in
our files the material shipped on your purchase order
conforms to the following.

Size: 48 X 120
P.O. #49280238
Part: 50885
Sales # 01198678
Quantity: 3

Description: 304L AMS 5513
Customer: TW Metals
Shipped: 11/13/2012
Heat: 951264

Authorized Signature
Lynne Harper
Lynne Harper

NOTICE OF SHIPMENT/ PACKING LIST



CERTIFICATE OF TEST

AL 6188-4 1211

CUST. ORG. NO. & DATE 01021271		CUST. CODE 08/28/12 110977		ACCEPTING MILL VANDERGRIFT, PA.		SHIPPER NO. 556215		PRODUCT CODE 13020102060000		MILL ORDER NUMBER 30-082-678		DATE SHIPPED 10/15/12	
FORMS DISTRIBUTION SOLD TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015		REPEAT ORDER 82037-9		DO RATE 26		GOVT CONTRACT		MATERIAL 1124 VANDERGRIFT		SHIPPING LOCATION PA		INVOICE 659323	
SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015		PRIME SEC. DSO DSO 516		SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015									

GRADE AND SPECIFICATIONS

CARRIER - GROSS, RONALD, INC.

"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12) (S-1000 DATED 8/1/2011) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIREMENTS)

METALLOGRAPHIC MAGNIFICATION: 100X ETCHANT USED: OXALIC ACID

GRADE VERIFICATION WAS CARRIED OUT SPECTROSCOPICALLY

FLAT NON-WELDED TEST PIECE WAS USED FOR ISO 3651-2 INTERGRANULAR CORROSION TEST. T1 SENSITIZATION HEAT TREATMENT WAS PERFORMED ON LOW CARBON AND STABILIZED GRADES.

DIN EN 10204:2005 - 3.1 ATI ALLEGHENY LUDLUM IS APPROVED AS A MANUFACTURER ACCORDING TO THE PRESSURE EQUIPMENT DIRECTIVE PED 97/23/EC.

MATERIAL WAS SOLUTION ANNEALED AT 1900F (1038C) MINIMUM FOR A TIME COMMENSURATE WITH THICKNESS AND RAPIDLY COOLED WITH AIR AND WATER.

ATI ALLEGHENY LUDLUM DOES NOT USE MERCURY IN THE TESTING OR PRODUCTION OF ITS PRODUCTS.

NO WELDS/WELD REPAIRS PERFORMED.

WESTMORELAND MECHANICAL TESTING & RESEARCH, YOUNGSTOWN, PA (T7869) IS A GEAE S400 AND ISO/IEC 17025 APPROVED FACILITY.

PAGE 02 - CONTINUED ON PAGE 03

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WARNING

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10/15/12 15:22:26

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Stephen Wolf
Director, Corporate Quality Assurance

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our files the material shipped on your purchase order
conforms to the following.

Size: 48 x 120
P.O.: M49268288
Part: 50365
Sales # 01198678
Quantity: 3

Description: 304L ANN 077-083 AMS5513
Customer: TW Metals
Shipped: 11/13/2012
Heat: 951264

Authorized Signature
Lynne Harper
Lynne Harper

NOTICE OF SHIPMENT/ PACKING LIST



CERTIFICATE OF TEST

AL 0160-4 1211

CUST. ORG. NO. & DATE	CUST. CODE	ACCEPTING MIL.	SHIPPER NO.	PRODUCT CODE	MILL ORDER NUMBER	DATE SHIPPED
01021271	08/28/12 110977	VANDERGRIFT, PA.	556215	13020102060000	30-082-678	10/15/12
FORMS DISTRIBUTION						
SOLD TO → 1	SHIP TO →	REPEAT ORDER 82037-9	DO RATE 26	GOVT CONTRACT	MATL. SHIPPING LOCATION	INVOICE
		PRIME SEC.	DSO DSO		1124 VANDERGRIFT PA	659323
SOLD TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015			SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015			

GRADE AND SPECIFICATIONS

CARRIER - GROSS, RONALD, INC.

"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12) (S-1000 DATED 8/1/2011) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIREMENTS)

THIS DIN EN 10204:2005 - 3.1 CERTIFICATE OF TEST SHALL NOT BE REPRODUCED EXCEPT IN FULL. FEDERAL LAW PROHIBITS THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE AND MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW. ATI AL HOLDS SEVERAL QUALITY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, NADCAP, AND ISO/IEC 17025. MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH THE ATI AL QUALITY MANUAL REVISION 20 DATED 02/24/2012.

ATI ALLEGHENY LUDLUM WORKS TO THE ROLLS ROYCE SABRE QUALITY MANAGEMENT SYSTEM.

QUALITY SYSTEM CERTIFIED ACCORDING TO PRESSURE EQUIPMENT DIRECTIVE 97/23/EC, ANNEX I, 4.3 BY TUV SUD, INDUSTRIE SERVICE GMBH, (NOTIFIED BODY 0036).

ATI ALLEGHENY LUDLUM PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES:

C, S BY COMBUSTION/INFRARED
N, O, H BY INERT FUSION/THERMAL CONDUCTIVITY
MN, P, SI, CR, NI, MO, CU, CB, CO, V BY WDXRF
B BY OES
AL AND TI (>=0.10%) BY WDXRF, OTHERWISE BY OES
PB, BI, AG BY GFAA

MATERIAL TESTED AT ATI ALLEGHENY LUDLUM GEAE S400 APPROVED FACILITIES (T1225 & T9317)
NATRONA HEIGHTS, PA TECHNICAL CENTER; BRACKENRIDGE, PA AND NEW BEDFORD, MA.

TEST REPORTS
ACCEPTED BY

DEC 28 2012

TW METALS

PAGE 03 - CONTINUED ON PAGE 04

CONSIGNEE: Please Note - This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent immediately before signing.

Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy please call 724-226-5980. CAUTION: Processing that makes fumes, dust, or solutions may cause lung disease. See Material Safety Data Sheets for further information.

WARNING

Les fiches d'information-sécurité de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires veuillez téléphoner au numéro suivant 724-226-5980. Attention: les traitements entraînant la production de vapeurs, poussières, ou solutions peuvent être cause de maladies pulmonaires. Pour plus de renseignements se référer aux fiches d'information-sécurité.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgement.

Stephen Wolf
Director, Corporate Quality Assurance

UNITED PERFORMANCE METALS
This is to certify that in accordance with the records in
our files the material shipped on your purchase order
conforms to the following

Size 48 X 120
P.O. M49286288
Part# 50865
Sales # 01198078
Quantity 3

Description 304L ANN 077-093 AMS5513
Customer TW Metals
Shipped 11/13/2012
Heat 351264

Authorized Signature
Lynne Harper
Lynne Harper

NOTICE OF SHIPMENT/ PACKING LIST



CERTIFICATE OF TEST

AL 6166-4 1211

CLIST. ORID. NO. & DATE 010212771	CLIST. CODE 08/28/12	110977	ACCEPTING MILL VANDERGRIFT, PA.	SHIPPER NO. 556215	PRODUCT CODE 13020102060000	MILL ORDER NUMBER 30-082-678	DATE SHIPPED 10/15/12
FORMS DISTRIBUTION SOLD TO 1	SHIP TO 1	SPEC 1	REPEAT ORDER 82037-9	DO RATE 26	GOVT CONTRACT	SHIP TO 1124 VANDERGRIFT	PA 659323
SOLD TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015			PRIME SEC. DSO DSO 516		SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015		

GRADE AND SPECIFICATIONS

"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12) (S-1000 DATED 8/1/2011) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIRMENTS)

CARRIER - GROSS, RONALD, INC.

ATI ALLEGHENY LUDLUM HOLDS SEVERAL QUALITY AND LABORATORY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, AD 2000-MERKBLATT WO, EU PRESSURE EQUIPMENT DIRECTIVE 97/23/EC, NADCAP, ISO/EIC 17025, GEAE S400, GEAE S-1000. REFER TO WWW.ALLEGHENYLUDLUM.COM TO ACCESS THE CURRENT ATI AL QUALITY CERTIFICATIONS.

THE NUMERIC CODES SHOWN UNDER MELT SOURCE CAN BE INTERPRETED AS FOLLOWS:

1. - MATERIAL MELTED, ROLLED AND TESTED IN THE UNITED STATES.
2. - FOREIGN MELT; ROLLED AND TESTED IN THE UNITED STATES.

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS:

MI = ATI-ALLEGHENY LUDLUM; 950 TENTH STREET; MIDLAND, PA 15059
TC = ATI-ALLEGHENY LUDLUM; 1300 PACIFIC AVENUE; NATRONA HEIGHTS, PA 15065

TEST REPORTS
ACCEPTED BY

DEC 28 2012

TW METALS

PAGE 04 - FINAL PAGE.

ISSUED BY ATI ALLEGHENY LUDLUM - 10/17/2012 08:20
CARRIE MCFALL - QUALITY ASSURANCE DEPT.

CONSIGNEE- Please Note- This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceases. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy please call 724-226-5980. CAUTION: Processing third parties forms, dust, or solvents may cause lung disease. See Material Safety Data Sheets for further information.

WARNING
Les fiches d'information-sécurité de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires, veuillez téléphoner au numéro suivant 724-226-5980. Attention: les matériaux entraînent la production de vapeurs, poussières, ou solvants peuvent être cause de maladies pulmonaires. Pour plus de renseignements se référer aux fiches d'information-sécurité.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgment.

Stephen W. Hult
Director, Corporate Quality Assurance



180 Labrosse Av.
Pointe Claire, QC
H9R 1A1

TO:

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

(CPO) PO#:

PO28423



(POI) ITEM#:

0001



PACKAGE COUNT:

1 OF 1

(PNR) PART NUMBER:

D4060-1P



(SHQ) QUANTITY:

34



PACKAGE WEIGHT:

(UNT) UNIT OF MEASURE:

EA



(PSN) PACKING SLIP #:

0561315



(COO) ORIGIN:

CA



(NAF) NAFTA:



(TRA) TRACEABILITY #:

0304160-001



180 Labrosse Av.
Pointe Claire, QC
H9R 1A1

TO:

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

(CPO) PO#:

PO28423



(POI) ITEM#:

0001



PACKAGE COUNT:

1 OF 1

(PNR) PART NUMBER:

D4060-1P



(SHQ) QUANTITY:

6



PACKAGE WEIGHT:

(UNT) UNIT OF MEASURE:

EA



(PSN) PACKING SLIP #:

0561316



(COO) ORIGIN:

CA



(NAF) NAFTA:



(TRA) TRACEABILITY #:

J0288892-001

